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U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration

Form Approved  
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P/N 28-AD-0019

# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

|   |         |                         |
|---|---------|-------------------------|
| MANUFACTURER'S NAME                                 |         | EMERGENCY TELEPHONE NO. |
| Essex Chemical Corp. Coast Pro-Seal Division        |         | (213) 636-0851          |
| ADDRESS (Number, Street, City, State, and ZIP Code) |         |                         |
| 19451 Susana Road, Compton, California 90221        |         |                         |
| CHEMICAL NAME AND SYNONYMS                          |         | TRADE NAME AND SYNONYMS |
| Adhesive, MYLAR W/Accelerator PRO-SEAL 501          |         | Base                    |
| CHEMICAL FAMILY                                     | FORMULA |                         |
| N/A   | N/A     |                         |

## SECTION II - HAZARDOUS INGREDIENTS

| PAINTS, PRESERVATIVES, & SOLVENTS                     | %  | TLV<br>(Units) | ALLOYS AND METALLIC COATINGS              | % | TLV<br>(Units) |
|---|----|----------------|---|---|----------------|
| PIGMENTS  |    |                | BASE METAL                                |   |                |
| CATALYST  |    |                | ALLOYS                                    |   |                |
| VEHICLE Polysulfide resins                            | 80 | 90%            | METALLIC COATINGS                         |   |                |
| SOLVENTS Ketone                                       | 1  | 2%             | FILLER METAL<br>PLUS COATING OR CORE FLUX |   |                |
| ADDITIVES Filler                                      | 5  | 10%            | OTHERS                                    |   |                |
| OTHERS  |    |                |   |   |                |
| HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES |    |                |   | % | TLV<br>(Units) |
|   |    |                |   |   |                |
|   |    |                |   |   |                |
|   |    |                |   |   |                |
|   |    |                |   |   |                |

## SECTION III - PHYSICAL DATA

|   |     |                                       |     |
|---|-----|---------------------------------------|-----|
| BOILING POINT (°F.)                               | N/A | SPECIFIC GRAVITY (H <sub>2</sub> O=1) | 1.3 |
| VAPOR PRESSURE (mm Hg.)                           | N/A | PERCENT VOLATILE<br>BY VOLUME (%)     | 2%  |
| VAPOR DENSITY (AIR=1)                             | N/A | EVAPORATION RATE<br>(_____ =1)        | N/A |
| SOLUBILITY IN WATER                               | Nil |                                       |     |
| APPEARANCE AND ODOR Amber paste - mercaptan odor. |     |                                       |     |

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

|   |                  |     |     |
|---|------------------|-----|-----|
| FLASH POINT (Method used)                       | FLAMMABLE LIMITS | Lel | Uel |
| Over 200 deg. F open cup                        | N/A              |     |     |
| EXTINGUISHING MEDIA                             |                  |     |     |
| Dry chemical, carbon dioxide, foam, water spray |                  |     |     |
| SPECIAL FIRE FIGHTING PROCEDURES                |                  |     |     |
| None  |                  |     |     |
| UNUSUAL FIRE AND EXPLOSION HAZARDS              |                  |     |     |
| None  |                  |     |     |

| SECTION V - HEALTH HAZARD DATA     |  |
|------------------------------------|--|
| THRESHOLD LIMIT VALUE              | LD <sub>50</sub> single dose oral rats 0.5 to 5g per kg  |
| EFFECTS OF OVEREXPOSURE            | May cause irritation of skin or mucos membranes.   |
| EMERGENCY AND FIRST AID PROCEDURES | Flush thoroughly with water, use soap on skin. If accidently ingested, give emetic, consult physician. |

| SECTION VI - REACTIVITY DATA         |                |   |                     |
|--------------------------------------|----------------|---|---------------------|
| STABILITY                            | UNSTABLE       |   | CONDITIONS TO AVOID |
|                                      | STABLE         | X   |                     |
| INCOMPATIBILITY (Materials to avoid) |                | Avoid strong oxidizing agents.  |                     |
| HAZARDOUS DECOMPOSITION PRODUCTS     |                | SO <sub>2</sub> , CO <sub>2</sub> , H <sub>2</sub> O, upon combustion |                     |
| HAZARDOUS POLYMERIZATION             | MAY OCCUR      |   | CONDITIONS TO AVOID |
|                                      | WILL NOT OCCUR | X   |                     |

| SECTION VII - SPILL OR LEAK PROCEDURES                            |  |
|---|--|
| STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED         |  |
| Clean up spillage with rags and/or sweeping compound and solvents |  |
| WASTE DISPOSAL METHOD   |  |
| Preferably burn waste.  |  |

| SECTION VIII - SPECIAL PROTECTION INFORMATION                           |                           |                            |
|---|---------------------------|----------------------------|
| RESPIRATORY PROTECTION (Specify type) In confined areas. Cannister type |                           |                            |
| VENTILATION   | LOCAL EXHAUST Recommended | SPECIAL                    |
|   | MECHANICAL (General)      | OTHER                      |
| PROTECTIVE GLOVES Recommended   |                           | EYE PROTECTION Recommended |
| OTHER PROTECTIVE EQUIPMENT Coveralls or aprons                          |                           |                            |

| SECTION IX - SPECIAL PRECAUTIONS  |  |
|---|--|
| PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING                         |  |
| Avoid contact, do not ingest. Store in closed container below 80 deg. F |  |
| OTHER PRECAUTIONS: None   |  |